

# **BVoc Software Development**

## **Semester 1**

### General Course I: English

AUEN 161.5a Listening and Speaking Skills

### General Courses

AUSD 162 Aptitude & Logical Reasoning

AUSD 163 Managerial Economics

### Skill Courses

AUSD 171 Introduction to IT

AUSD 172 Programming Principles

AUSD 173 Word Processing & Image Editing

AUSD 17PI Photoshop Lab

AUSD 17PII Pagemaker Lab

## **Semester 2**

### General Course I: English

AUEN 261.5a. Writing and Presentation Skills

### General Courses

AUSD 262 Environmental Studies

AUSD 263 Mathematics I

### Skill Courses

AUSD 271 Animation Softwares

AUSD 272 Computer Networks and Internet Applications

AUSD 273C Programming

AUSD 27PI C Programming Lab

AUSD 27PII Animations Lab

## **Semester 3**

### General Courses

AUSD 361 Business Statistics

AUSD 362 System Analysis and Design

AUSD 363 Management Information Systems

### Skill Courses

AUSD 371 Web Application & Development

AUSD 372 Computer Hardware & Maintenance

AUSD 373 Operating Systems

AUSD 37PI Web Development Lab

AUSD 37PII Computer Hardware Lab

## **Semester 4**

### **General Courses**

AUSD 461 Mathematics II  
AUSD 462 Business Informatics  
AUSD 463 Financial Accounting

### **Skill Courses**

AUSD 471 Network Administration  
AUSD 472 Object Oriented Programming  
AUSD 473 Visual Tools  
AUSD47 PI Visual Tools Lab  
AUSD 47 PII OOP & Network Lab  
AUSD 474 Industrial Training

## **Semester 5**

### **General Courses**

AUSD561 Introduction to information security  
AUSD562 Principles of Management  
AUSD563 Entrepreneurship Development

### **Skill Courses**

AUSD571 Programming in Java  
AUSD572 Software Testing  
AUSD573 Software Engineering  
AUSD57PI Java Lab  
AUSD574 Study Tour  
AUSD575 Major Project(Phase I)

## **Semester 6**

### **General Courses**

AUSD661 Human Resource Development  
AUSD662 Free and Open Source Softwares(FOSS)  
AUSD663 IT & Society

### **Skill Courses**

AUSD671 Mobile Application Development  
AUSD672 Database administration  
AUSD673 Advanced Java  
AUSD67PI Android & Java lab  
AUSD674 Major Project(PhaseII)